To: Dourson, Michael[dourson.michael@epa.gov]; Bertrand,

Charlotte[Bertrand.Charlotte@epa.gov]; Beck, Nancy[Beck.Nancy@epa.gov]; Morris,

Jeff[Morris.Jeff@epa.gov]; Henry, Tala[Henry.Tala@epa.gov]; Hanley, Mary[Hanley.Mary@epa.gov]

Cc: Orme-Zavaleta, Jennifer[Orme-Zavaleta.Jennifer@epa.gov]; Rodan,

Bruce[rodan.bruce@epa.gov]; Yamada, Richard (Yujiro)[yamada.richard@epa.gov]; Thayer,

Kris[thayer.kris@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Scheifele,

Hans[Scheifele.Hans@epa.gov]

From: Bahadori, Tina

Sent: Thur 12/7/2017 8:40:55 PM **Subject:** RE: Slides we discussed

Yes, and especially since Kris got here we are doing this more intensively across the organization, not just for the new staff.

Tina

From: Dourson, Michael

Sent: Thursday, December 7, 2017 3:35 PM

To: Bahadori, Tina <Bahadori. Tina@epa.gov>; Bertrand, Charlotte

<Bertrand.Charlotte@epa.gov>; Beck, Nancy <Beck.Nancy@epa.gov>; Morris, Jeff

<Morris.Jeff@epa.gov>; Henry, Tala <Henry.Tala@epa.gov>; Hanley, Mary

< Hanley. Mary@epa.gov>

Cc: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Rodan, Bruce

<rodan.bruce@epa.gov>; Yamada, Richard (Yujiro) <yamada.richard@epa.gov>; Thayer, Kris

<thayer.kris@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Scheifele, Hans

<Scheifele.Hans@epa.gov>

Subject: RE: Slides we discussed

Tina

Thanks. Training is important to develop risk assessment erudition. The OPP has an internal senior review board where younger staff can gain their training wheels (so to speak) as their files are peer reviewed. Does NCEA have such a practice?

Cheers!

Michael...

... L. Dourson, PhD., DABT, FATS, FSRA

Senior Advisor to the Administrator

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From: Bahadori, Tina

Sent: Monday, December 4, 2017 2:59 PM

To: Dourson, Michael < dourson.michael@epa.gov>; Bertrand, Charlotte

< Bertrand. Charlotte@epa.gov>; Beck, Nancy < Beck. Nancy@epa.gov>; Morris, Jeff

< Morris.Jeff@epa.gov>; Henry, Tala < Henry.Tala@epa.gov>; Hanley, Mary

<Hanley.Mary@epa.gov>

Cc: Orme-Zavaleta, Jennifer < Orme-Zavaleta. Jennifer@epa.gov>; Rodan, Bruce

<re><rodan.bruce@epa.gov>; Yamada, Richard (Yujiro) <yamada.richard@epa.gov>; Thayer, Kris</re>

<thayer.kris@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Scheifele, Hans

<Scheifele.Hans@epa.gov>

Subject: RE: Slides we discussed

Thanks Mike. We have a very strong emphasis on training. Some high level examples include:

- a retreat this week in which our assessment teams will receive hands-on training on evidence synthesis.
- memoranda of understanding with academic institutions, so that students from those institutions can engage in the 'real-world' practice of systematic review and risk assessment as

- training modules for states and regional risk assessors.
Since Kris joined NCEA, she has made training a very high priority – we have already begun to reap the benefits of her focused investment.
Tina
From: Dourson, Michael Sent: Monday, December 4, 2017 8:20 AM To: Bahadori, Tina Bahadori.Tina@epa.gov">Bertrand, Charlotte Beck, Nancy Beck.Nancy@epa.gov">Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Nancy@epa.gov<>Beck.Na
Tina
Thanks for this information. Very helpful. I believe that the OPP has a systematic way of training its younger staff to be better risk assessors. How does NCEA do this please?
Cheers!
Michael

part of their academic training.

... L. Dourson, PhD., DABT, FATS, FSRA

Senior Advisor to the Administrator

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From: Bahadori, Tina

Sent: Sunday, December 3, 2017 11:23 AM

To: Bertrand, Charlotte < Bertrand. Charlotte@epa.gov >; Beck, Nancy < Beck. Nancy@epa.gov >; Dourson, Michael <<u>dourson.michael@epa.gov</u>>; Morris, Jeff <<u>Morris.Jeff@epa.gov</u>>; Henry,

Tala < Henry. Tala@epa.gov>; Hanley, Mary < Hanley. Mary@epa.gov>

Cc: Orme-Zavaleta, Jennifer < Orme-Zavaleta. Jennifer@epa.gov >; Rodan, Bruce

<rodan.bruce@epa.gov>; Yamada, Richard (Yujiro) <yamada.richard@epa.gov>; Thayer, Kris

<thayer.kris@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Scheifele, Hans

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Subject: Slides we discussed

Dear OCSPP Colleagues,

Following up from our 'systematic review' discussions on Friday, I am forwarding the link to the slides we presented at the SAB's Chemical Assessment Advisory Committee (CAAC) meeting in September. We have also presented versions of these materials, in varying detail and depth to other audiences such as in NAS workshops, meeting with the European Food Safety Agency, meetings with state risk assessors, interagency meetings, and scientific conferences.

Link to slides:

$\underline{https://yosemite.epa.gov/sab/sabproduct.nsf/AE79F54CBA716293852581A70074264A/\$File/IRIS+Update.pdf}$
We look forward to our continued discussion.
Tina
Tina Bahadori, Sc.D.
Director, National Center for Environmental Assessment (EPA/ORD/NCEA)
National Program Director, Human Health Risk Assessment (EPA/ORD/HHRA)
***New RRB Room 71210; Telephone: 202-564-7903; Mobile: 202-680-8771